REMARKS

Applicants have amended claims 6 and 7 and added new claims 18 and 19.

Claim 6 has been rejected under 35 USC 102(b) as anticipated by U.S. Patent No. 6,234,031 (Suga). Applicants respectfully traverse this rejection.

Claim 6 recites a sensor control circuit connected to the horizontal scanning circuit and the vertical scanning circuit, and states that the sensor control circuit is configured to receive a sensor actuation signal through the sensor actuation signal wire and configured to switch off the unit detection elements operational under the operation mode and to switch on the unit detection elements not operational under the standby mode in response to the sensor actuation signal. In the Action mailed February 22, 2005, the Examiner contended that Suga's detection circuit 112 corresponds to the claimed sensor control circuit. In the amendment filed May 19, 2005, applicants explained that Suga's detection circuit 112 is not the claimed sensor circuit that switches on and off the unit detection elements because all it does is detecting the electrostatic capacities between detection electrodes 103 and flexible electrode 106, converting the results of that detection into electric signals and outputting the electric signals as fingerprint patterns.

In this Action, citing to claim 2 of Suga, the Examiner seems to contend that Suga's switching transistors 110, which control the connection between data lines 113 and capacitive element 109, and switching transistors 111, which control the connection between the data lines 113 and scanning circuit 116, correspond to the claimed sensor control circuit that switches on and off the unit detection elements. Applicants respectfully disagree because neither the switching circuit 110 nor the switching circuit 111 is part of Suga's detection circuit 112, which the Examiner equates to the claimed sensor control circuit.

However, to expedite prosecution of this application, applicants have amended claim 6 to state that the sensor control circuit is configured so that during the standby mode the horizontal and vertical scanning circuits do not to receive a clock that is supplied to the horizontal and

vertical scanning circuits during the operation mode. This amendment finds support, for example, at page 9, line 26 - page 10, line 3, of the specification and FIG. 5 of the application. Because the horizontal and vertical scanning circuits do not receive clocks, the unit detection elements are not scanned and put into the standby status. On the other hand, neither Suga's switching transistors 110 and 111 nor the detection circuit 112 can manipulate any clocks as claimed. All they can control is the flow of the image signals coming thorough the data lines 113 and not the flow of the clocks.

The rejection of claim 6 under 35 USC 102(b) on Suga should be withdrawn because Suga does not teach or suggest the claimed sensor control circuit.

The remaining rejection relies on Suga and thus should be withdrawn as well because Suga does not provide the teachings for which it is cited.

New claims 18 and 19 add to original claims 6 and 7 the limitation that during the standby mode the horizontal and vertical scanning circuits are configured not to receive power that is supplied to the horizontal and vertical scanning circuits during the operation mode, which is found at page 10, lines 19-23, of the specification.

In light of the above, a Notice of Allowance is solicited.

In the event that the transmittal is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952**, referencing Docket No. 492322013700.

Respectfully submitted,

Dated: November 7, 2005 By: _____

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